Dart Aerospace Ltd. Monday, 5/26/2008 11:53:02 AM OIC Chantal Lavoie User: **Process Sheet** Customer : CC-DAR01 Dart Aerospace Ltd. **Drawing Name** : FITTING Job Number : 39483 : 13338 **Estimate Number** : D37631 P.O. Number Part Number : D3763 PROTO : 5/26/2008 S.O. No. : This Issue **Drawing Number** Prsht Rev. : NC : IA0004 **Project Number** : PROTO : // First Issue **Drawing Revision Previous Run** Material **Due Date** : 6/2/2008 Written By Checked & Approved By Comment : Est Rev:A 08-05-23 DD verified by: new issue **Additional Product** FOR ENGINEERING USE ONLY Job Number: Seq. #: **Machine Or Operation:** Description: M6061T6R1000 ROUND BAR 1.00" 1.0 Comment: Qtv.: Total: 1.8375 f(s) ROUND BAR 1.00" 2.0 DOOSAN LATHE Comment: Doosan Lathe 1- Turn as per Folio FA750 Rev: _ & Dwg D3763 Rev: 2-Deburr per dwg D3763 INSPECT PARTS AS THEY COME OFF MAC 3.0 QC2

Comment: INSPECT PARTS AS THEY COME OFF MACHINE

4.0 QC8

ENGINEERING

Comment: SECOND CHECK

PACKAGING RESOURCE #1

SECOND CHECK

Comment: PACKAGING RESOURCE #1

PACKAGING

Identify and Stock Location:

5.0

Each

Date: User:

Monday, 5/26/2008 11:53:03 AM

Chantal Lavoie

Process Sheet

Customer: CC-DAR01 Dart Aerospace Ltd.

Drawing Name: FITTING

Job Number: 39483

Part Number: D37631

Job Number:



Seq. #:

Machine Or Operation:

Description:

6.0

QC21

FINAL INSPECTION/W/O RELEASE



PROTOGYPR

Job Completion



Charge To w/o 00196

U 08-06-11

Ø 0.500 R0.580 \emptyset 0.860 $^{+0.000}_{-0.010}$ --- 1.090 ----- Ø0.323 -0.050 X 45° CHAMFER 1.125 - 0.545

D3763-1 FITTING

DESIGN HS DART AEROSPACE LTD DRAWN HS HAWKESBURY, ONTARIO, CANADA DRAWING NO. CHECKED REV. A D3763 MFG. APPR. SHEET 4 OF 7 TITLE APPROVED SCALE **END FITTING** DE APPR.

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NOTES:
1) MATERIAL: 6061-T6 (QQ-A-200/8 OR QQ-A-225/8) ALUMINUM BAR (REF. DART SPEC M6061T6B)
2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: N/A
7) WEIGHT: 0.01 lbs

DART AEROS	SPACE LTD		Work Order:	39483				
					Part Number:	22631		
Description:				-	Part Number:	D37631		
Inspection Dwg	: Rev:			Page 1 of 1				
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	f	1	<u> </u>					
	X	Prototype						
Drawing	Tolerance	Actual	Accept	Reject	Method of	Comments		
Dimension	Olerance	Dimension	Accept	Reject	Inspection			
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1.090	+/010	1,070						
1.125	T 7	6125						
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Date: 🗷	\$ 15/28	Date:	26.05.	28	Da	te: 08.05.2	8	

Revised by KJ/JLM

Approved

H:\FORMS\Quality	/ Assurance\approved	QA\FAI revD

Change New Issue

Rev A Date

Receiving Report

		Oate: <u>05/07/25</u> Supplier: <u>Cop∆er +</u> Yes No Yes No	5N255		ch No: M [? P/O: 7 0 c	_	N/A	
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COPPER AND BRASS SALES CANADA IS A DIVISION OF THYSSENKRUPP MATERIALS, CA. LTD/Line

TERMS: NET 30 DAYS

KAISER ALUMINUM 4111 S 74 E Ave

KAISER ALUMINUM MATERIAL CERTIFICATION COPPER & BRASS SALES 6905 KENDERRY GATE UNIT 4 MISSISSAUGA, ON L5T2Y8

PAGE

Tulsa, OK 74145

COPPER & BRASS SALES

SOUTHFIELD MI 48086 C94583

SOLD TO

PURCHASE ORDER

08/17/04 DATE PRINTED

SOLD TO

PURCHASE ORDER

DATE PRINTED

018542-1

1.000 PRECIS ROD +/+.004 TOL

CUSTOMER PART NUMBER DESCRIPTION

801378-001

RELEASE-ITEM

503A 206

6061-T6511B

LOT

ALLOY/TEMPER

MECHANICAL PROPERTY RESULTS

REFERENCE	SAMPLE# UTS (KS	I) YTS(KSI)	%Elong in 2"	HARDNESS	CONDUCT.	BEN
503A 206	0001 0001 53			micondo	N/A	
503A 206	0001 0002 53		11.8		,	$N/F_{\rm s}$
503A 206					N/A	N/A
	33	.0 .0.0	11.9		N/A	N/A

CHEMICAL COMPOSITION (WT%), ALUMINUM REMAINDER

6061	LIMITS	C i	П-	Ċ	3.4		_	_					Ot	her
0001	DIMITS	21	re	Cu	Mn	. Mq	Cr	Zn	Ti	Pb	Вi	7.r	Ea	TP.C
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				0.15	0.00	0.00	0.0-1	0.00	0.00	AVI	NA	NA C	.00	0.0

APPLICABLE REQUIREMENTS:

PER ASTM-B221-02, STENCILED ASME-SB221 1998 SECT IT PER AMS-QQ-A-200/8 UNS#6061 MEETS ALL SPECIFICATION REQUIREMENTS FOR 6061-T6511 ELEVATED MINIMUM MECHANICAL PROPERTIES AS FOLLOWS: UTS=42.0 KSI MIN YIELD=38.0 KSI MIN ELONGATION=10.0% MIN

Kaiser Aluminum & Chemical Corp. ('Kaiser') hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with the applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms & conditions of sale. Test reports are on file, subject to examination.